

Technical Manual  
No. 5-698-6

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC, 27 October 2006

<b>APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED</b>
---

## **RELIABILITY DATA COLLECTION MANUAL FOR COMMAND, CONTROL, COMMUNICATIONS, COMPUTER, INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE (C4ISR) FACILITIES**

### **CONTENTS**

	Paragraph	Page
<b>CHAPTER 1. INTRODUCTION</b>		
Purpose.....	1-1	1-1
Scope.....	1-2	1-1
References.....	1-3	1-1
<b>CHAPTER 2. BACKGROUND</b>		
Requirements .....	2-1	2-1
Availability goal.....	2-2	2-1
<b>CHAPTER 3. RELIABILITY AND AVAILABILITY</b>		
Reliability.....	3-1	3-1
Availability .....	3-2	3-1
<b>CHAPTER 4. DATA COLLECTION</b>		
Required information .....	4-1	4-1
Site identification data .....	4-2	4-1
Site one line drawings .....	4-3	4-1
Name plate information .....	4-4	4-1
Critical equipment designation and sparing.....	4-5	4-2
Maintenance data .....	4-6	4-2
<b>CHAPTER 5. DATA COLLECTION LISTINGS</b>		
Description .....	5-1	5-1
Categories and listing titles.....	5-2	5-1
<b>CHAPTER 6. POWER RELIABILITY ENHANCEMENT PROGRAM (PREP) ITEM IDENTIFICATION CROSS REFERENCE GUIDE</b>		
Purpose.....	6-1	6-1
Classification.....	6-1	6-1
<b>APPENDIX A REFERENCES .....</b>		<b>A-1</b>

	<i>Paragraph</i>	<i>Page</i>
<b>CONTENTS</b>		
APPENDIX B DATA COLLECTION LISTINGS.....		B-1
APPENDIX C PREP ITEM IDENTIFICATION CROSS REFERENCE GUIDE .....		C-1
GLOSSARY .....		G-1

**LIST OF TABLES**

<i>Number</i>		<i>Title</i>	<i>Page</i>
5-1	Control equipment.....		5-1
5-2	Electrical power generation and distribution equipment.....		5-2
5-2	Heating, ventilating and air conditioning (HVAC) Equipment .....		5-3